

**● PRINTER RUSH ●**  
(PTO ASSISTANCE)

Application : 10/017,015 Examiner : Holmes GAU : 2121

From: DP Location: IDC FMF FDC Date: 1/12/06

Tracking #: epm 10/017,015 Week Date: 8/22/05

| DOC CODE                                 | DOC DATE        | MISCELLANEOUS                                |
|--|-----------------|--|
| <input type="checkbox"/> 1449            |                 | <input type="checkbox"/> Continuing Data     |
| <input type="checkbox"/> IDS             |                 | <input type="checkbox"/> Foreign Priority    |
| <input type="checkbox"/> CLM             |                 | <input type="checkbox"/> Document Legibility |
| <input type="checkbox"/> IIFW            |                 | <input type="checkbox"/> Fees                |
| <input type="checkbox"/> SRFW            |                 | <input type="checkbox"/> Other               |
| <input type="checkbox"/> DRW             |                 |  |
| <input type="checkbox"/> OATH            |                 |  |
| <input type="checkbox"/> 312             |                 |  |
| <input checked="" type="checkbox"/> SPEC | <u>3/5/2002</u> |  |

[RUSH] MESSAGE: please provide missing Serial Number  
on page 1 - Line # 23 and 26 of specification.

Thank you

[XRUSH] RESPONSE: \_\_\_\_\_

Dave

INITIALS: HP

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

METHOD AND APPARATUS FOR PROVIDING A VIRTUAL AGE ESTIMATION  
FOR REMAINING LIFETIME PREDICTION OF A SYSTEM  
USING NEURAL NETWORKS

5 Reference is hereby made to copending:

U.S. Provisional Patent Application No. 60/255,615 filed 12/14/2000 for NEURAL  
NETWORK-BASED VIRTUAL AGE ESTIMATION FOR REMAINING LIFETIME,  
in the names of Christian Darken and Markus Loecher, Attorney Docket No.  
00P9072US;

10 U.S. Provisional Patent Application No. 60/255,614 filed 12/14/2000 for POLYNOMIAL  
BASED VIRTUAL AGE ESTIMATION FOR REMAINING LIFETIME  
PREDICTION, in the names of Markus Loecher and Christian Darken, Attorney Docket  
No. 00P9073US; and

15 U.S. Provisional Patent Application No. 60/255,613 filed 12/14/2000 for MARKOV  
TRANSITION PROBABILITIES FOR PREDICTIVE MAINTENANCE, in the name of  
Markus Loecher, Attorney Docket No. 00P9074US,  
of which priority is claimed and whereof the disclosures are hereby incorporated herein  
by reference.

Reference is also made to copending patent applications being filed on even date  
20 herewith:

METHOD AND APPARATUS FOR PROVIDING A POLYNOMIAL BASED

VIRTUAL AGE ESTIMATION FOR REMAINING LIFETIME PREDICTION OF A

SYSTEM, in the names of Markus Loecher and Christian Darken, <sup>Serial number</sup> ~~Attorney Docket No.~~  
~~00P9073US01~~; and METHOD AND APPARATUS FOR PROVIDING PREDICTIVE

25 MAINTENANCE OF A DEVICE BY USING MARKOV TRANSITION  
PROBABILITIES, in the name of Markus Loecher, <sup>Serial number</sup> ~~Attorney Docket No.~~ ~~00P9074US01~~,  
and whereof the disclosures are hereby incorporated herein by reference.